

Amendments to the Claims:

A clean version of the entire set of pending claims, including amendments to the claims, is submitted herewith per 37 CFR 1.121(c)(3). This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently amended) ~~System~~ A system for performing telemetric measurements, the system comprising:

~~[[-]] a plurality of mobile communication devices (100),~~ configured for use with a cellular communications network,

~~[[-]] each mobile communication device (100) being provided with~~ comprising at least one sensor (110) and a sensor control section (120) controller for performing measurements~~[[,]]~~; and

~~-a cellular communication network structure (1) for said mobile communication devices,~~

~~[[-]] a server (SRV) provided with communication means for receiving~~ measurement data from said plurality of mobile communication devices (100), and for sending measurement instructions to respective sensor control sections (120) of said plurality of mobile communication devices (100).

2. (Currently amended) ~~System~~ The system according to claim 1, wherein each of the sensor control sections (120) are controllers is programmable by the server (SRV).

3. (Currently amended) ~~System~~ The system according to claim 1, wherein each of the sensor control sections (120) are arranged controllers is configured to perform a measurement ~~on~~ at a predetermined point in time.

4. (Currently amended) ~~System~~ The system according to claim 1, wherein ~~each of the sensor control sections (120) are arranged~~ controllers is configured to perform a measurement in response to the measurement instructions received from the server (SRV).

5. (Currently amended) ~~System~~ The system according to claim 1, wherein ~~each of the sensor control sections (120) are arranged~~ controllers is configured to transmit the measurement results data when the respective mobile communication device (100) ~~has established~~ establishes a connection over the network (4).

6. (Currently amended) ~~Mobile~~ A mobile communication device for use in a system according claim 1, comprising a communication section for communication over a cellular communications network, and at least one sensor and a sensor ~~control section~~ controller for performing measurements.

7. (Currently amended) ~~Method~~ A method for performing telemetric measurements, the method comprising:

[[-]] instructing a sensor ~~control section (120)~~ controller of a mobile communication device (100) to perform a measurement[[,]]; and

[[-]] retrieving [[a]] ~~measurement result~~ data resulting from the measurement from [[a]] the mobile communication device (100) through a cellular communication network (4).

8. (Currently amended) ~~Method~~ The method according to claim 7, wherein ~~the instruction for performing a~~ instructing the sensor controller to perform the measurement is at least based on a position of the respective mobile communication device (100) within the cellular communication network (4).

9. (Currently amended) ~~Method~~ The method according to claim 7, wherein ~~the retrieval of the measurement data is performed~~ is retrieved when the respective

mobile communication device (100) is engaged in communication communicating over the cellular communication network (4) via a communication signal.

10. (Currently amended) Method The method according to claim 9, wherein the measurement data is encoded in the communication signal.

11. (Currently amended) Method A method for billing communication costs to a subscriber to a network communication service within a cellular communication network, the method comprising:

sending an instruction through the communication network to a mobile communication device associated with the subscriber to collect measurement data;

receiving the measurement data from the mobile communication device through the communication network; and

awarding credit towards the billing information of [[a]] the subscriber to a network communication service on receipt through the communication network of for receiving the measurement data performed by a from the mobile communication device (100) associated with the subscriber.

12. (New) The system according to claim 2, wherein each of the sensor controllers is configured to perform a measurement at a predetermined point in time.

13. (New) The system according to claim 2, wherein each of the sensor controllers is configured to transmit the measurement data when the respective mobile communication device establishes a connection over the network.

14. (New) The system according to claim 1, wherein the measurement instructions are only sent to sensor control sections of mobile communication devices actively communicating over the cellular communications network.

15. (New) The system according to claim 14, wherein the measurement data is sent in real time.

16. (New) The system according to claim 1, wherein the measurement instructions are only sent to sensor control sections of mobile communication devices within a specified area.

17. (New) The system according to claim 1, wherein the measurement instructions comprise an instruction to measure at least one of a temperature, an air pressure, humidity and air pollution.

18. (New) The method according to claim 7 wherein instructing the sensor controller to perform the measurement is at least based on whether the mobile communication device is currently communicating over the cellular communication network.

19. (New) The method according to claim 18, wherein the measurement data is retrieved in realtime when the mobile communication device is currently communicating over the cellular communication network.

20. (New) The method according to claim 11, wherein sending the instruction to collect measurement data is based on at least one of a position of the mobile communication device within the communication network and whether the mobile communication device is currently communicating over the communication network.